

Huseyin Amac

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EDUCATION

Indiana University - Bloomington, IN
Bachelor of Science in Intelligence Systems Engineering
SCALE Program Scholar

Expected Graduation date: May 2027

EXPERIENCE

Undergraduate Researcher - IU Create - Bloomington, IN

June 2024 - July 2024

- Chosen to participate in the prestigious & competitive SCALE program, focused on R&D in emerging semiconductor technology
- Modeled and simulated single event effects in SkyWater 90nm tech. using industry-standard electronic design software (Cadence)
- Assisted in conducting a 25-hour radiation experiment at Lawrence Berkeley National Laboratory's 88-inch Cyclotron, applying research skills in a high-stakes environment.
- Gained experience in radiation testing, test planning, research, circuit design, simulation, data frames, and data visualization.

Teaching Assistant - E-101, Innovation and Design - Bloomington, IN

January 2024 - Present

- Guiding 150 students through class curriculum, providing support in understanding course materials, assisting with assignments.
- Participating in collaborative efforts with professors and fellow TAs to enhance the overall learning.
- Assisting in the evaluation of student performance, providing constructive feedback, and contributing to the grading process.

Student Success Mentor - SPARC Team - Bloomington, IN

October 2023 - Present

- Conducting student check-ins for freshmen, help their transition to college life, assist with challenges, focus on student success
- Driving the social media strategy for Luddy Advising Team, aligning with IU's marketing pillars. Average 16k views in a month
- Collaborating closely with the advising team, contributing to the creation of dynamic advising resources designed for social media platforms to ensure accessible and valuable content for all students seeking guidance.

Certified Trainer - Southern Rock Restaurants LLC - Bloomington, IN

April 2022 – May 2024

- Train and evaluate new team members on how to properly serve and cook with the company standards.
- Developed leadership and communication skills, critical in managing teams under pressure.
- Trained 3 shift leaders and more than 30 team members across 3 brand-new stores around MI, OH, and IN.

Social Media Marketer - Helteca Media - Istanbul/Turkey

August 2021 - March 2023

- Developed a digital doctor marketplace app where patients can be examined by medical providers.
- Worked in a team of three and learned how to manage the team and workflow.
- Reached 1750 organic followers from zero on Instagram within 2 months (October 2021)

ACTIVITIES

Volunteer - Office of International Services - Bloomington, IN

September 2023 - Present

- Assisting current and prospective international students at IU to navigate and adapt to the unfamiliar environment more seamlessly
- Contributing to social media content creation by brainstorming and participating in production, showcasing the university experience for prospective and current international students.
- Hosted 10 high school counselors from 8 countries, presented our university, had discussions to address inquiries for future Hoosiers

President, Treasurer - Turkish Student Association at IU - Bloomington, IN

August 2022 - Present

- Brought together and engaged diverse communities through Turkish cultural events.
- Developed strong event planning and coordination skills. Experienced in budgeting and securing funds.
- Secured more than \$10,000 in funds from various funding boards for 13 events
- Was interviewed by 4 TV channels and 2 newspapers, received comments from Secretary of State Anthony Blinken, and raised more than \$40,000 from various companies with matching after the devastating earthquakes in Turkey

TECHNICAL SKILLS

Radiation Testing, Cadence, Ocean, Python, Pandas, Anaconda, Jupyter Notebooks, GitHub, Linux Systems, Data Visualization (Seaborn, Plotly, Matplotlib), Adobe Creative Cloud apps (Ps, Ai, Lr, Pr, Xd), Corel Draw, Microsoft Suit, Tableau, 3-D modeling (Fusion-360, PrusaSlicer, Trotec Speedy 500, Ruby), LogicPro.